How to change serpentine belt on **AUDI A8 D3 (4E2, 4E8)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A8 D3 (4E2, 4E8) 3.0

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A6 C5 Avant (4B5) 2.4

REPLACEMENT: SERPENTINE BELT – AUDI A8 D3 (4E2, 4E8). TOOLS YOU MIGHT NEED:



- Combination spanner #17
- Phillips screwdriver
- Flat screwdriver
- Fender cover

Buy tools

Replacement: serpentine belt – AUDI A8 D3 (4E2, 4E8). AUTODOC recommends:

- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – AUDI A8 D3 (4E2, 4E8). USE THE FOLLOWING PROCEDURE:

1. Open the hood.

2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3. Unscrew the fasteners of the air distribution housing assembly. Use a Phillips screwdriver.



4. Remove the air distribution housing assembly.



5. Unscrew the engine cover fastener. Use a flat screwdriver.



6 Remove the engine cover.



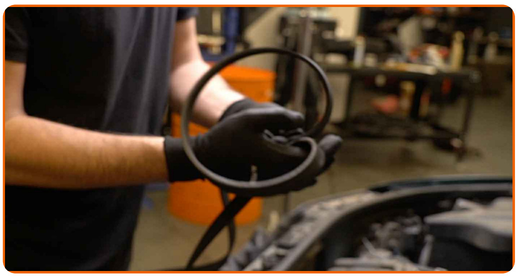
AUTODOC recommends:

- Replacement: serpentine belt – AUDI A8 D3 (4E2, 4E8). Do not use excessive force when removing the part as this may damage it.

7 Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #17.



8 Remove the V-ribbed belt.



Replacement: serpentine belt – AUDI A8 D3 (4E2, 4E8). Tip from AUTODOC:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

9 Return the tensioner pulley to its initial position.

10 Install the V-ribbed belt.



11 Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #17.



12 Place the serpentine belt on the crankshaft pulley.



Replacement: serpentine belt – AUDI A8 D3 (4E2, 4E8). Tip:

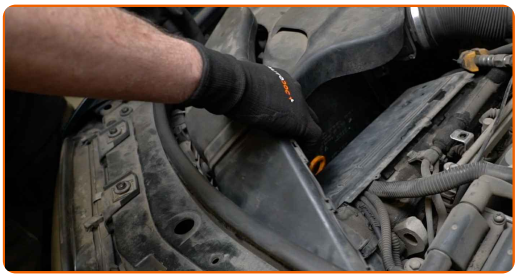
- Make sure that the V-ribbed belt fits all pulleys snugly.
- Make sure that the V-ribbed belt is properly tensioned.

13 Return the tensioner pulley to its initial position. Use a combination spanner #17.

14 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

15 Shut off the engine.

16 Reinstall the air distribution housing assembly.



17 Screw in the fasteners of the air distribution housing assembly. Use a Phillips screwdriver.



18 Install the engine cover and secure it.



AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: serpentine belt – AUDI A8 D3 (4E2, 4E8). Do not use excessive force during installation. This may damage the part.

19 Screw in the engine cover fasteners. Use a flat screwdriver.



20 Remove the fender protection cover.

21 Close the hood.

WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

SERPENTINE BELT: A WIDE SELECTION

ⓘ DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.